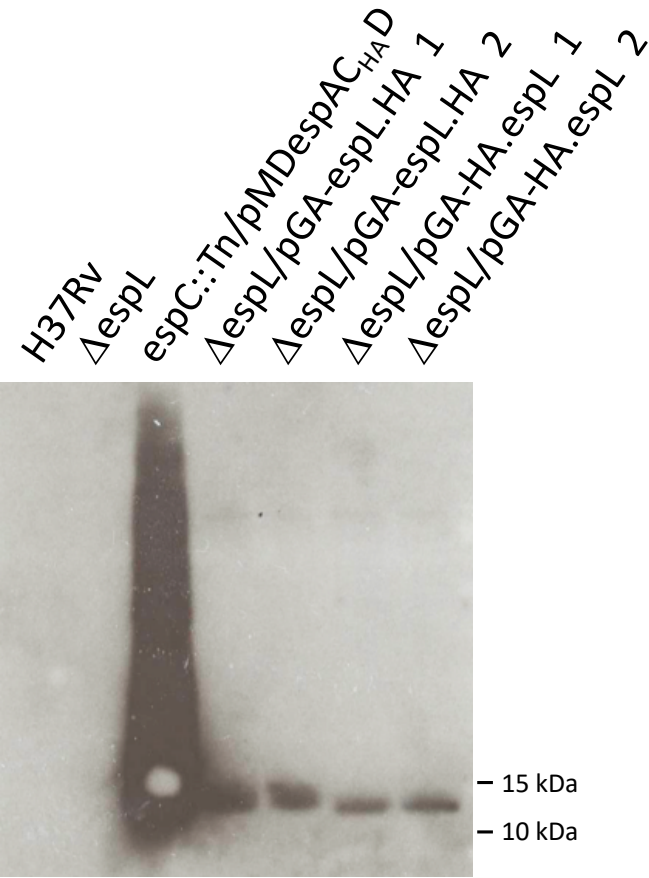
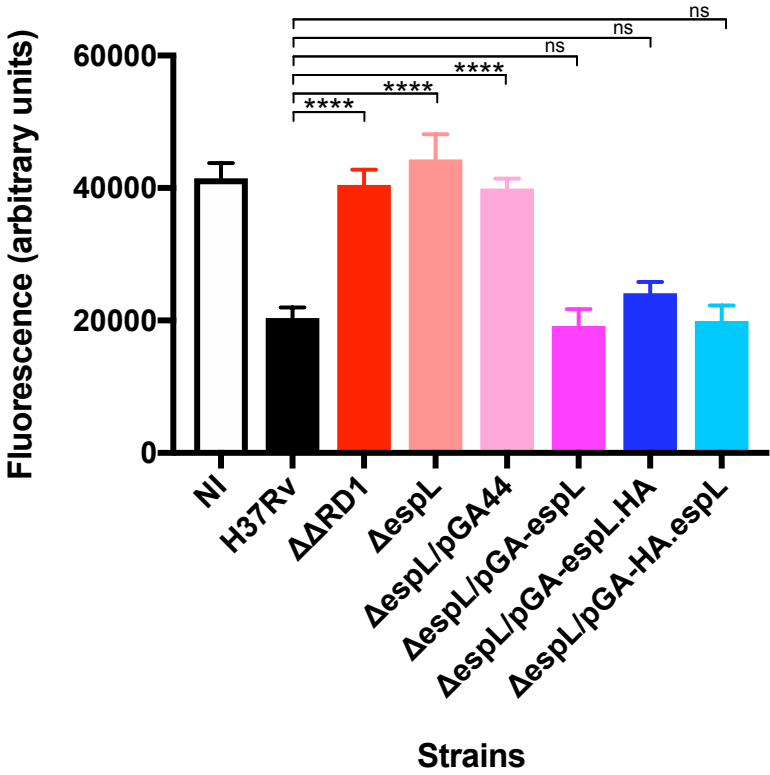


A



B



S9 Fig. Validation of the expression of HA-tagged EspL and virulence analysis. A) Immunoblot showing expression of EspL.HA and HA.EspL in total protein extracts from two independent clones (1 and 2) obtained upon transformation of $\Delta espL$ with a plasmid encoding *espL*.HA or HA.*espL*, respectively. Protein extract from *espC::Tn/pMDespAC_{HA}D* [4] was used as a control. **B)** Virulence of $\Delta espL$ mutant complemented by *espL*.HA or by HA.*espL* compared to H37Rv, $\Delta espL$ and complemented strain in the THP-1 infection model. $\Delta\Delta RD1$ carries a deletion of the extended ESX-1 locus. THP-1 cells were infected at multiplicity of infection (MOI) of 5. Fluorescence measurements directly correlate with THP-1 viability. Data were expressed as the mean and standard deviation (SD) of four independent replicates. NI: not infected control. ****, $p < 0.0001$. ns, not significant in one-way ANOVA followed by Tukey's multiple comparison test.